

SAPC - 18741
Copy 2 of 4

26 August 1957

Dear Bob:

Reference is made to your CMCC Doc. No. 151X5.661 concerning the field engineering program during 1956 and through June 30, 1957.

In order to properly allocate charges to the proper customers it is requested that you furnish the costs of the revised field support program chargeable to Customer No. 2. This covers all field support for System II work performed after 1 April 1957 chargeable under Contract

25X1A

Yours very truly,

Dan

25X1A

PCS/DCI [REDACTED] (8/26/57)

Distribution:

25X1A

- Orig - [REDACTED], R-W
- ✓ 2 - [REDACTED] (corres)
- 3 - Comptroller, Proj.
- 4 - Proj. Chrono

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SAPC 18470

COPY 1 OF 3

26 July 1957

CMCC Doc. No. 151X5.661

Copy 1 of 5

Page 1 of 2

Dear Dan:

25X1A The field engineering program to support Project activity during 1956 and through June 30, 1957 was originally outlined in our proposal CMCC Doc. No. 151X5.157, dated 14 August 1956. This proposal provided for seventy-four (74) man-months of field service in the Continental United States in support of Systems 1, 2, and 4 during this period at an estimated cost of [REDACTED]. It was contemplated that these costs would be covered under [REDACTED].

25X1A

Subsequently, certain portions of the work program changed. While the requirements for Systems 1 and 3 remained about as anticipated, the delay in development of System 4 resulted in very little field-engineering support to this program during the period. The character of the System 2 program changed considerably, and as a result of the application of this equipment to purposes not originally intended under the project, additional field engineering and test programs were required. The field support requirements resulting from these changes in the System 2 program during this period are outlined in Exhibit A. This replaces the program of work set forth under Section II of Schedule A in the original proposal referred to in the first paragraph. The System 4 program set forth under Section III was not performed during this period.

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The costs of the revised field support program for System 2 are set forth in the cost estimate in Exhibit A and amount to [REDACTED] as compared to the earlier estimate of about [REDACTED].

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Field engineering services for FOG were originally proposed on a full time basis for two men during 1956 and 1957 in our letter of 18 October 1956, CMCC 151X5.262, at an estimated cost of [REDACTED]. This proposal was never funded in the contract nor was any money added for FOG field support services. The FOG program was started later than had been anticipated and only 11 man-months of training and intermittent services were rendered during the period, all at full in-plant rates. The cost of these services is [REDACTED] using the rates of the original proposal as set forth in Exhibit B.

25X1A

The contractor has been requested to submit a cost breakdown separating custom & no 1 & no 2 requirements. DMS 7/24/57

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CMCC Doc. No. 151X5.661

Copy 1 of 5

Page 2 of 2

26 July 1957

The existing contract funding is compared with the cost of the program as it was subsequently revised in Exhibit C. [REDACTED] of additional funding will be required in the contract to cover revised field-support requirements through June 30, 1957.

25X1A

Sincerely,



Enclosures:

Copies 1-3 of 5 copies of the following CMCC Doc. Nos.

1132X5.133

1132X5.134

1132X5.135

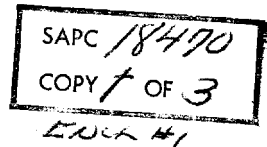
cc: HAW - AGO

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Page 1 of 4

26 July 1957

**EXHIBIT A**

REVISED SYSTEM 2 FIELD SUPPORT PROGRAM
1 JANUARY 1956 - 30 JUNE 1957

<u>Item</u>	<u>Description</u>	Man Weeks at Contractor's Plant or Various U. S. Sites	
		<u>Technicians</u>	<u>Engineers</u>
1	<u>C-47 Flight Tests, February 1956 - July 1956</u> Installation, checkout, and operating flight tests of System 2 in a C-47 test vehicle during two cross-country test flights.	30	49
2	<u>Installation of System 2 in Special Aircraft, August 1956 - October 1956</u> Installation and checkout of System 2 in the Project vehicle at [REDACTED] 25X1A Installation of one system for ground operation at the same location for approximately two weeks of test time.	2	12
3	<u>Installation of Complete System 2 at the Contractor's Seal Beach Test Site, March 1956 - October 1956</u> Complete installation was made at Seal Beach and operated throughout the period of the C-47 tests. One airborne installation was made at the Contractor's plant for use during the C-47 tests.	26	44

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Page 2 of 4

26 July 1957

Man Weeks at Contractor's
Plant or Various U. S.
Sites

<u>Item</u>	<u>Description</u>	<u>Technicians</u>	<u>Engineers</u>
4	<u>Customer Evaluation of System 2 for New Application, October 1956 - June 1957</u>		

During this period equipment was installed, modified, and checked out at the Washington, Seal Beach, and Contractor plant sites to conduct tests on System 2 equipment for an alternate application. A production model was installed at Seal Beach in place of the earlier prototype unit. Production model base station equipment was installed at Washington and airborne equipment was installed at the Contractor's plant.

The test program was begun about the second week in October 1956 and ran through the early part of 1957. An approximate breakdown of man weeks throughout this period follows:

	1956		1957			
	<u>T</u>	<u>E</u>	<u>T</u>	<u>E</u>		
Seal Beach	8	8	15	6	23	14
Washington, D.C.	0	17	15	21	15	38
Contractor's Plant	8	10	0	0	8	10

5. Equipment Modifications, Installation,
and Checkout for [REDACTED]
April 1957 - May 1957

This involved some design and drafting work to modify the system installation and the airframe wiring, and involved about two man-weeks liaison with the airframe manufacturer.

3

3

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SECRETCopy 1 of 5
Page 3 of 4

26 July 1957

Man Weeks at Contractor's
Plant or Various U. S.
Sites

<u>Item</u>	<u>Description</u>	<u>Technicians</u>	<u>Engineers</u>
6	<u>Training of Two Full-Time Field Engineering Personnel for Assignment To Overseas Installation and Support of System 2 Equipment for New Application, November 1956 - June 1957</u> These engineers received training in the theory of operation and maintenance of the System 2 airborne and ground equipment. They received additional training in the theory of operation and maintenance of System 3.		12
Total		107	182

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26 July 1957

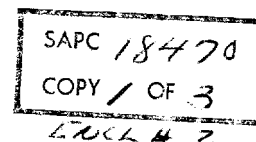


EXHIBIT B

REVISED FIELD SUPPORT PROGRAM - REQUIREMENT 3
1 JANUARY 1956 - 30 JUNE 1957

		Man Months at Contractor's Plant or Various U.S. Sites							
Item	Description	Technicians	Engineers						
1	<u>Training for Requirement 3 Field Engineers, November 1956 - June 1957</u>								
	During this period two field engineers received training for assignment to the Requirement 3 program in support of System 1, System 3, and the Data Reduction Equipment.								
	<table><tr><td>1956</td><td>1957</td></tr><tr><td><u>Engineers</u></td><td><u>Engineers</u></td></tr><tr><td>2</td><td>7</td></tr></table>	1956	1957	<u>Engineers</u>	<u>Engineers</u>	2	7		9
1956	1957								
<u>Engineers</u>	<u>Engineers</u>								
2	7								
2	<u>Installation and Support of the 3-Channel Data Reduction Equipment, February 1957 - June 1957</u>								
	During this period the 3-Channel Data Reduction Equipment was installed in one location. The system was checked out and demonstrated to customer personnel. Following this there was a short period of instruction and continued support of the equipment.								
		1	3						
	No. of man round-trips travel - 9								
3	<u>Field Support, All Systems, Requirement 3, February 1957 - June 1957</u>								
	Contractor personnel participated in logistics and operational planning meetings. Equipment checks were made on special Requirement 3 aircraft.								
			1						
Total		1	13						

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DATE 13385

By 6 of 9

Director of Administration
Project Controller; Contract Officer, Personnel Office;

20 February 1957

Project Communications Officer

Processing Lamo-Wouldrige System II Tech Reps

1. The OC has determined that System II is now sufficiently reliable to begin the installation of the necessary equipment in certain Agency field communications stations. It has been determined that three Lamo-Wouldrige tech reps will accompany the equipment TIT to [REDACTED] and such other locations as necessary to complete the mission.

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2. The System II contract with Lamo-Wouldrige has not been transferred by the Project to the Office of Communications control. Therefore, it is deemed advisable that project administration channels be used to process the tech reps in order to:

A. Preclude confusion which could result from Lamo-Wouldrige dealing with separate units within the Agency.

B. Continue to protect Project security within Lamo-Wouldrige.

C. Properly execute the existing contract with Lamo-Wouldrige.

3. Any charges incurred as a result of processing the Lamo-Wouldrige System II tech reps should be charged to Office of Communications Allotment No. 7-7712-50-600.

25X1A

DOCUMENT NO. 17
NO CHANGE IN CLASS. X
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NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 12/01/82 REVIEWER: 010956

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M-31470

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2 October 1957

TO: (Officer designation, room number, and building)

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COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

Director of Comm.

7 OCT 1957

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OC-SPD

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7 Oct 57
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